

REMARKS

The application has been reviewed in light of the Office Action mailed on April 24, 2006. Claims 14-28 are currently pending in the application, with Claims 14 and 21 being in independent form. By this Amendment document, Claim 14 has been amended and Claims 22-28 have been added. It is respectfully submitted that the claims pending in the application, namely Claims 14-28 are fully supported by the specification, introduce no new subject matter, and are patentable over the prior art.

Specification

In the specification, paragraph 0027 has been amended to correct minor editorial problems. In particular, the term “preferred is the” was changed to “the preferred.” It is respectfully submitted that the specification includes no new subject matter.

Drawings

The attached sheets of drawings include formal drawings. These formal drawings, which include FIGS. 1-10, replace the original sheets including FIGS. 1-10. It is respectfully submitted that the formal drawings introduce no new subject matter.

Rejection of Claims under 35 U.S.C. § 103

Claims 14-20 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Miller et al. (US 4,518,112) in view of Oh et al. (US 2004/0134974). Applicants have amended independent Claim 14.

It is respectfully submitted that independent Claim 14 is patentable over the combination of these two references. For example, the combination fails to disclose or suggest the recited “set of conductive pins adhered in situ to said pads,” as recited in Claim 14.

Accordingly, it is respectfully requested that the rejection of independent Claim 14 be withdrawn.

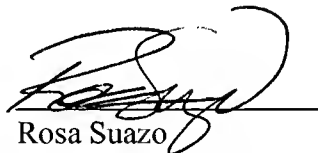
Claims 15-20 depend directly from independent Claim 14 and are therefore patentable for at least the reasons given hereinabove for independent Claim 14. It is respectfully requested that the rejection of these claims be withdrawn.

Conclusion

In view of the foregoing amendments and remarks, it is respectfully submitted all claims now pending in this application, namely Claims 14-28 are now in condition for allowance. Accordingly, early and favorable consideration of this application is respectfully requested. Should the Examiner believe that a telephone or personal interview may facilitate resolution of any remaining matters, he is respectfully requested to contact Applicants undersigned attorney at the telephone number indicated below.

No fee is believed to be due for the submission of this amendment. If any fees are required, however, the Commissioner is authorized to charge such fees to Deposit Account No. 09-0458.

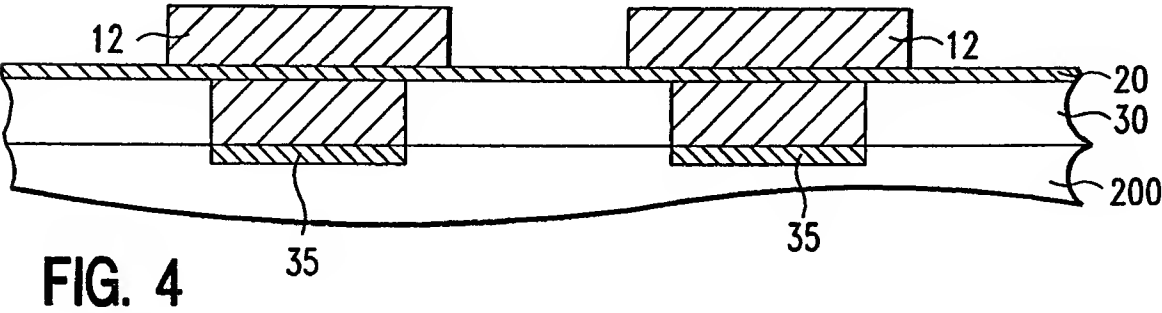
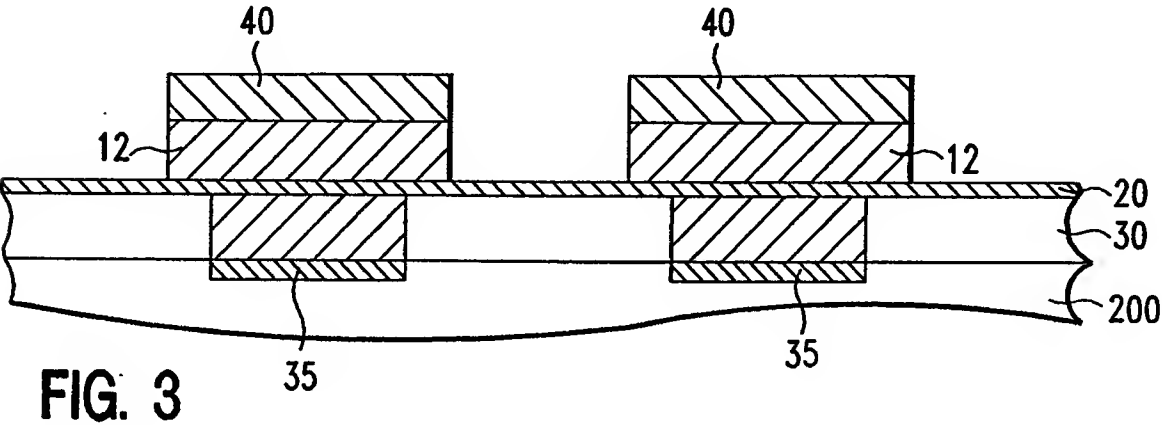
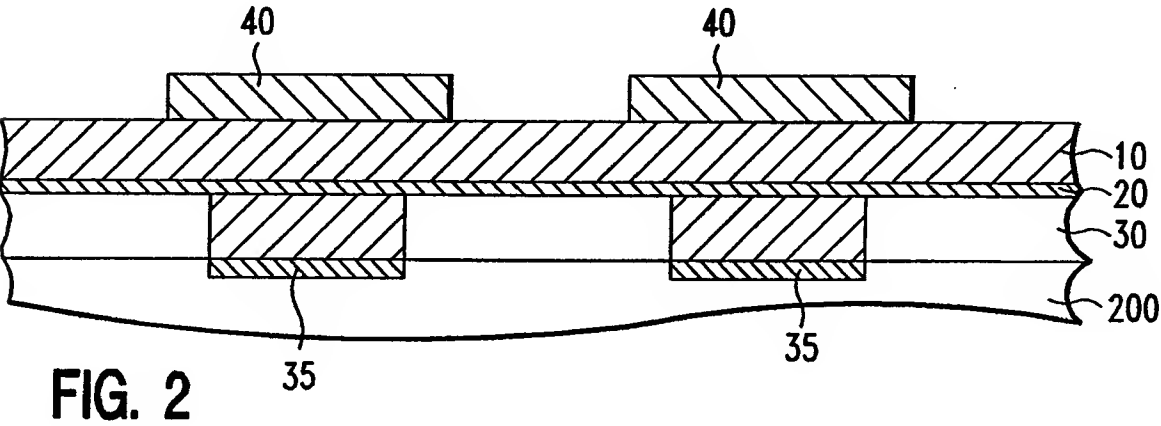
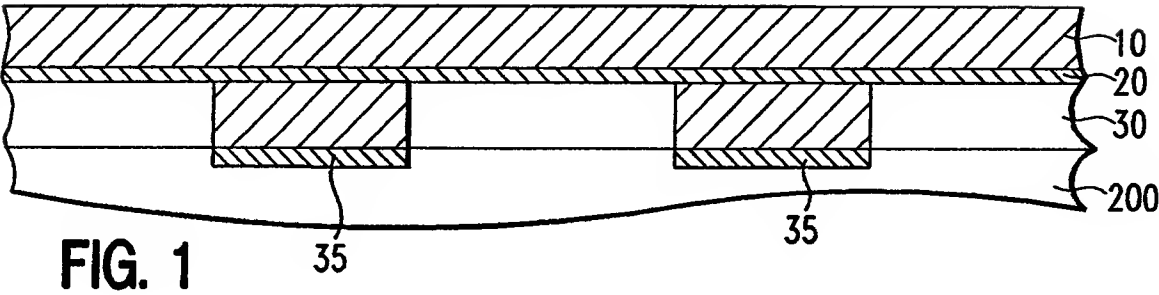
Respectfully Submitted,



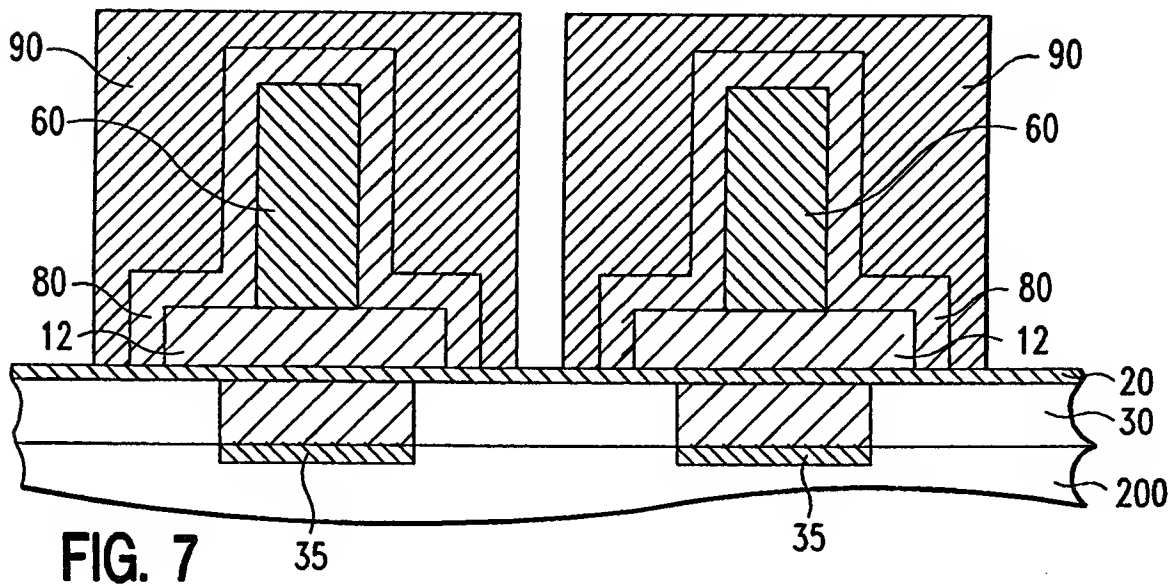
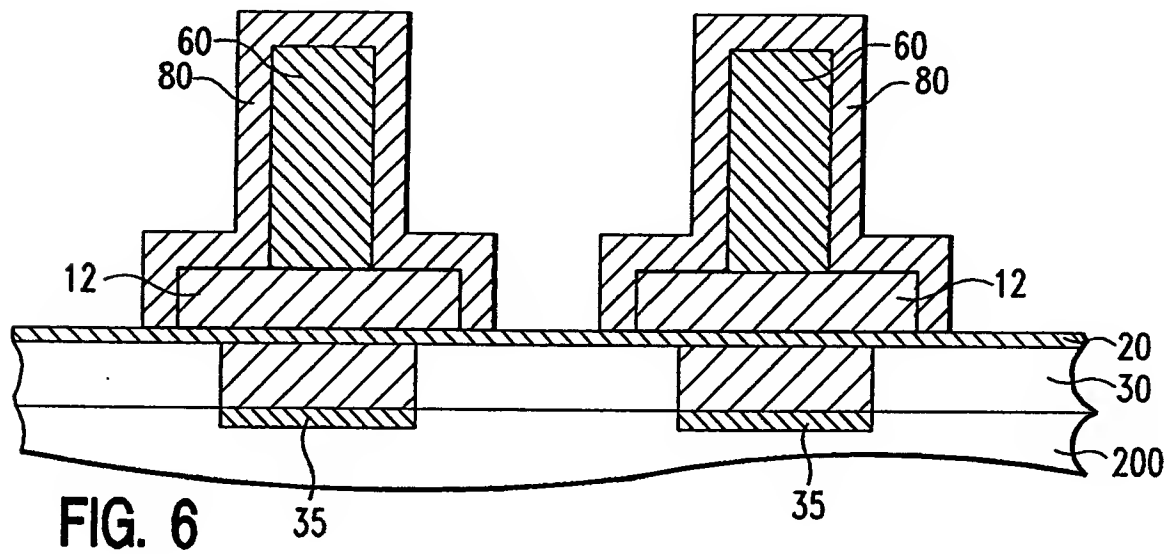
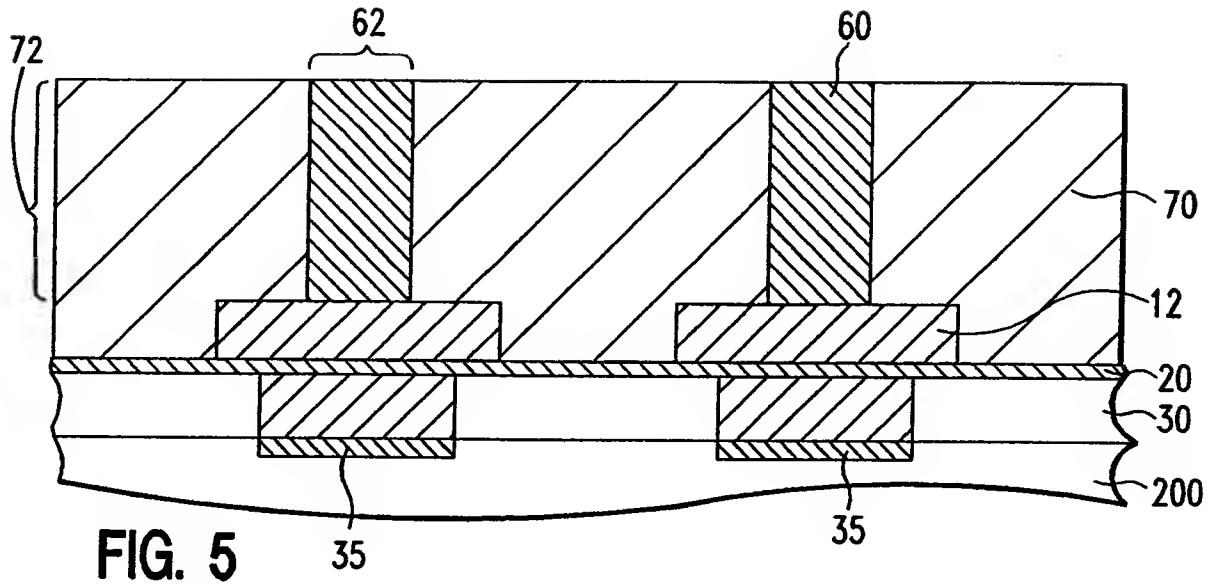
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Replacement Sheet



Replacement Sheet

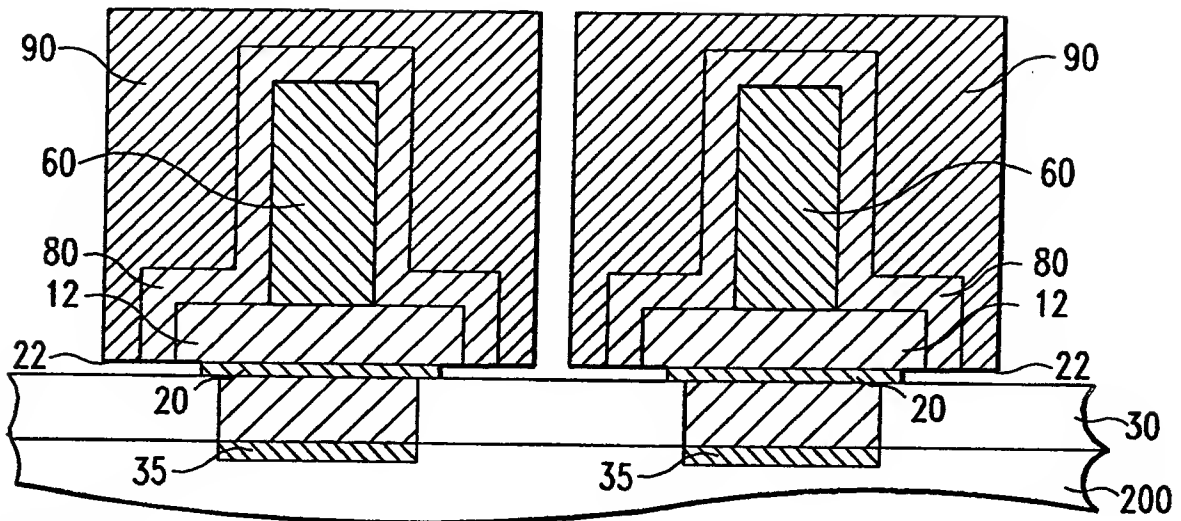


FIG. 8

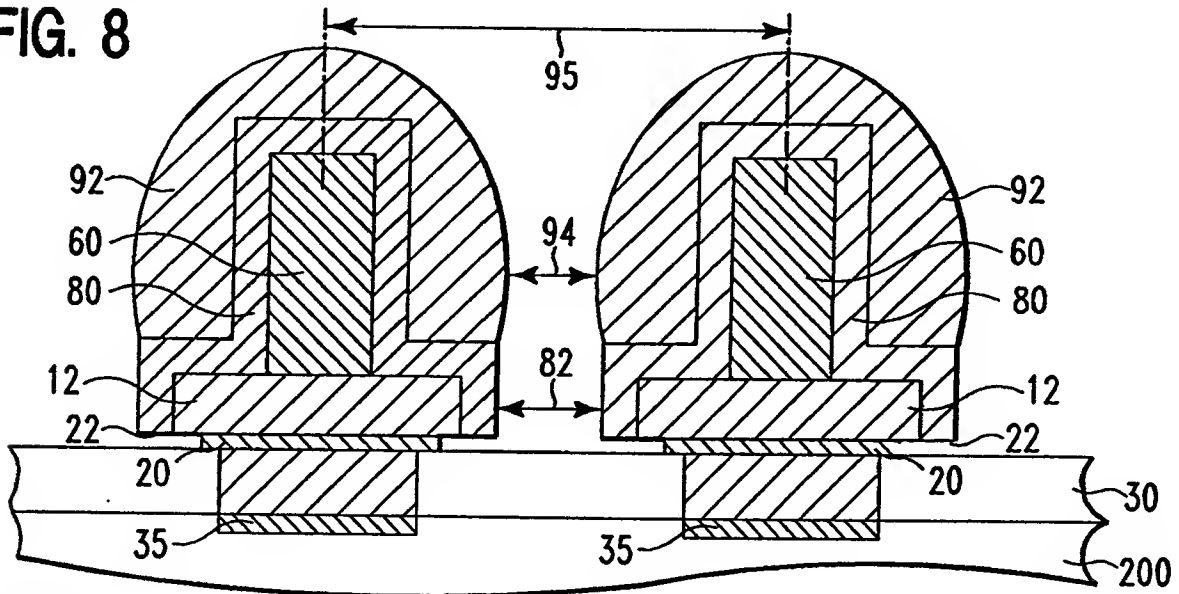


FIG. 9

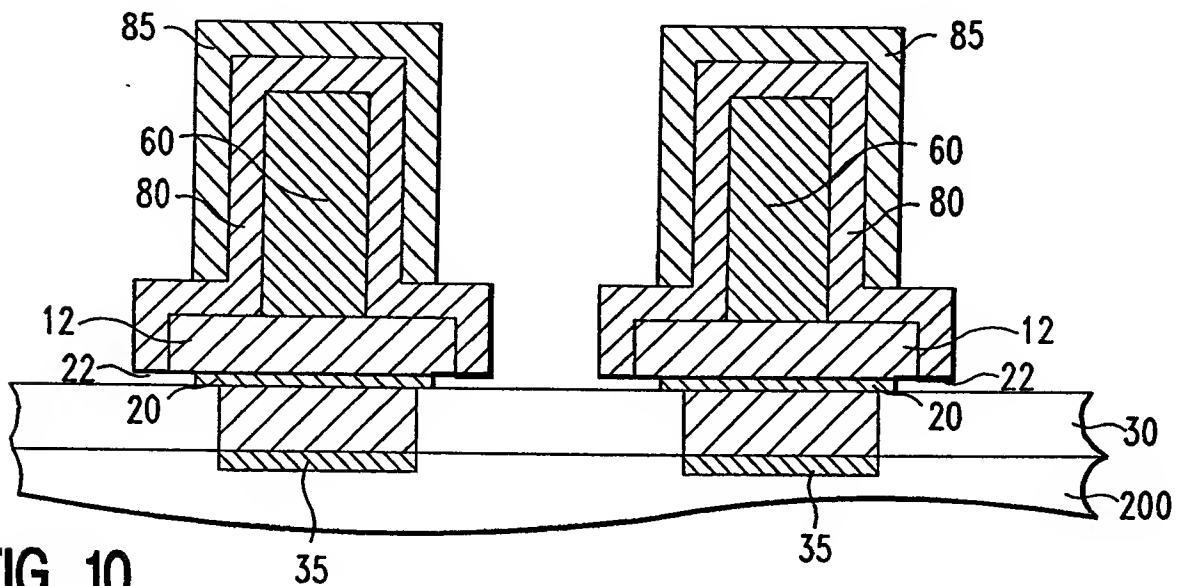


FIG. 10

AUTHORIZATION TO ACT IN A REPRESENTATIVE CAPACITYIn re Application of: **Tien-Jen Cheng, et al.**

Application No.

10/604,578

Filed:

July 31, 2003Title: **ENCAPSULATED PIN STRUCTURE FOR IMPROVED RELIABILITY OF WAFER**

Attorney Docket No.

FIS920030103US1

Art Unit:


2814

The practitioner named below is authorized to conduct interviews and has the authority to bind the principal concerned. Furthermore, the practitioner is authorized to file correspondence in the above-identified application pursuant to 37 CFR 1.34:

Name	Registration Number
Rosa B. Suazo	56,753

This is not a Power of Attorney to the above-named practitioner. Accordingly, the practitioner named above does **not** have authority to sign a request to change the correspondence address, a request for an express abandonment, a disclaimer, a power of attorney, or other document requiring the signature of the applicant, assignee of the entire interest or an attorney of record. If appropriate, a separate Power of Attorney to the above-named practitioner should be executed and filed in the United States Patent and Trademark Office.

SIGNATURE of Practitioner of Record

Signature		Date	July 19, 2006
Name	H. Daniel Schnurmann	Registration No., if applicable	35,791
Telephone	845-894-2481		

This collection of information is required by 1.31, 1.32 and 1.34. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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